# Nanotube Production Devices Expand Research Capabilities



#### Glenn Research Center

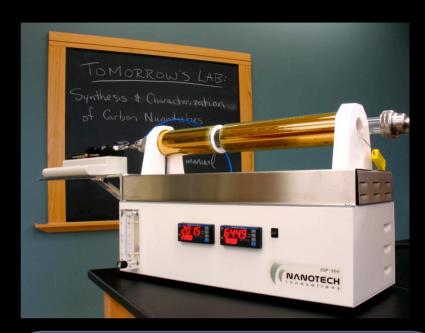
## Nanotech Innovations Oberlin, Ohio

## NASA Technology

- In order to supply power to deep space probes,
  NASA developed photovoltaic cells, the building blocks of solar power systems, from nanomaterials
- The carbon nanotube has the potential to greatly enhance the reliability of power generation and storage devices in space and on Earth

### **Partnership**

- A chemist at Glenn developed a unique process to grow high quality carbon nanotubes
- Glenn was more interested in the photovoltaic applications and not the production of the tubes, so it released the technology to the scientist
- Nanotech Innovations was born and immediately filed a patent on the technology



#### **Benefits**

- The SSP-354 is a portable, easy to use, benchtop system for growing high quality carbon nanotubes in a single-step process
- The machine is supporting the incorporation of carbon nanotubes into science curricula, research, and product development